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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE
(DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER		
ROSA127563		
U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)		
10/579029		
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	EARLIEST PRIORITY DATE CLAIMED
PCT/US2006/002591	25 January 2006	25 January 2005
TITLE OF INVENTION		
METHODS FOR QUANTITATING SMALL RNA MOLECULES		
APPLICANT(S) FOR DO/EO/US		
Christopher K. RAYMOND		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information by **Express Mail**:

- ☒ 1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ 2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 37 U.S.C. 371.
- ☒ 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ 4. The US has been elected (Article 31).
- ☒ 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - ☒ a. is attached hereto (required only if not communicated by the International Bureau).
- ☐ 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
- ☐ 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - ☐ a. are attached hereto (required only if not communicated by the International Bureau).
 - ☐ b. have been communicated by the International Bureau.

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CHRISTENSEN O'CONNOR JOHNSON KINDNESS^{LLC}
1420 Fifth Avenue
Suite 2800
Seattle, Washington 98101
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APPROPRIATE PCT/PTO 1 MAY 2006

- _____ c. have not been made; however, the time limit for making such amendments has NOT expired.
- _____ d. have not been made and will not be made.
- _____ 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- _____ 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- _____ 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

- _____ 11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
- _____ 12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- _____ 13. A preliminary amendment. Please enter the Preliminary Amendment prior to calculation of the filing fee. The "Amendments to the Claims" section adds _____ additional pages to the application, bringing the total number of pages to _____.
- X 14. An Application Data Sheet under 37 C.F.R. 1.76.
- _____ 15. A substitute specification.
- _____ 16. A power of attorney and/or change of address letter.
- X 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 – 1.825 is transmitted herewith in printed and computer-readable formats. The paper and computer-readable copies of the sequence listing are the same and do not contain new matter. Entry of the sequence listing into the application is requested. The paper copy comprises 122 additional pages. The present submission is not believed to constitute new matter and does not go beyond the disclosure of the international application as filed on 25 January 2006. Support for the sequence listing is found throughout the specification, (see e.g., page 2 lines 26-33, page 3 lines 3-30, page 9 line 15 to page 10 line 11) in Table 1 (pages 15-16), Table 2 (pages 19-20), and Table 6 (pages 27-45), Table 7 (pages 47-61); and in the Examples, as follows: Example 1 (page 14-16), Example 2 (page 17-22), Example 3 (pages 23-25), Example 4 (page 46), and Example 5 (page 60-61).
- _____ 18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
- _____ 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- _____ 20. Other items or information:

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AP20 Rec'd PCT/PTO 11 MAY 2006

The following fees are submitted:				CALCULATIONS	
21. <input checked="" type="checkbox"/> a) Basic national fee..... \$300				\$300	
22. <input checked="" type="checkbox"/> b) Examination fee				\$200	
If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00					
All other situations.....\$200.00					
23. <input checked="" type="checkbox"/> c) Search fee				\$500	
If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100.00					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400.00					
All other situations.....\$500.00					
TOTAL OF ABOVE CALCULATIONS =				\$1,000	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
193 - 100 = 93	93/50=	2	x \$250	\$500	
Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	42 - 20 =	22	x \$50	\$1,100	
Independent claims	5 - 3 =	2	x \$200	\$400	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$3,000	
_____ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$	
Processing fee of \$130 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property.				\$	
TOTAL FEES ENCLOSED =				\$3,000	

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- X a. Check No. 170449 in the amount of \$ 3,000.00 to cover the above fees is enclosed.
- X b. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1740. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

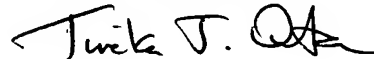
SEND ALL CORRESPONDENCE TO:

Customer No. 26389

Tineka J. Quinton
Patent Agent
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Respectfully submitted,

CHRISTENSEN O'CONNOR
JOHNSON KINDNESS^{PLLC}



Tineka J. Quinton
Registration No. 53,496
Direct Dial No. 206.695.1655

EXPRESS MAIL CERTIFICATE

Express Mail No.: EV 683830764 US
Date of Deposit: May 11, 2006

I hereby certify that this document and the enclosures listed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Erin Van Dyck

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

TJQ:jh

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